

KARSAY, ISTVAN

5

✓ 643° The Crystallization of Graphite in Cast Iron. A grafit-
nak az öntöttvasban való kristályosodásáról. II. (Hun-
garian.) István Karsay, *Kohászati lapok*, v. 10, no. 9, Sept.
1955, p. 205-210. MB
Various hypotheses on the crystallization process; conditions for
the formation of spheroidal graphite. Micrographs. 38 ref.

Smw
Ed Pm

KARSAY, I.

KARSAY, I. Remarks on Istvan Karsay's article "Crystallization of Graphite in Cast Iron." p. 286.

Vol. 10, No. 11, Nov. 1955.

KOHASZATI LAPOK

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

KARSAY, I.

Some remarks on the crystallization of graphite in cast iron. p. 15.
KOHASZATI LAPOK (Magyar Banyaszati es Kohaszati Egyesulet) Budapest
Vol. 11, No. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

KARSAY, I.

Crystallization of graphite in cast iron. Pt. 2, p. 205.
Vol 6, no. 9, ONTODE, Section. KOHASZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

KARSAK, J.

18

2

Some Characteristics of Machined Cast Iron Surfaces. J. Karzak. (Kodzak: Lepet, 1988, II, May, Outside, 102-103). The machined surface of cast iron contains numerous pores and is built up in regular order of harder and softer compounds. These two characteristics promote retention of lubricants and improve wear resistance respectively. — p. 3.

11

KARSAY, I.

14. Surface patterns of spherical shell graphite. (In English)
I. Karsay. *Acta Technica Academiae Scientiarum Hungaricae*. Vol. 14, 1956, No. 3-4, pp. 481-482, 1 fig.

In a former paper the author reported on his observation that under certain circumstances graphite crystallizes in cast iron in hollow, spherical shell structures. A characteristic pattern is visible on the surface of this spherical shell graphite. The latest investigations proved the pattern to consist of concentric circles. On the basis of the same investigations it is found probable though not verified that the pattern is not correlated to the crystallization of graphite but to that of austenite. That is, after the removal of the graphite shell the lines appear on the iron surface as well; the graphite shell merely follows the wrinkles of the iron surface in full thickness. It should be pointed out that the above mentioned pattern has thus far been recognizable only on spherical shells developed in magnesium-treated cast irons, the surface of spherical shells of other kinds of irons being smooth.

14
mat'ku

PC
PM
MT

Karsay, I.

HUNGARY/Phase Transformation in Solid Bodies.
Abs Jour : Referat Fizika, No 5, 1957, 11735

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720910014-7"

Author : Karsay, I.
Inst :
Title : On the Crystallization of Graphite in Cast Irons.
Orig Pub : Acta techn. Acad, sic. hung., 1956, 15, No 1-2, 99-125

Abstract : The author reports on the results of experiments on the crystallization of spheroidal graphite. The spheroidal graphite is formed upon modification of manganese and upon crystallization of cast iron, with a content of silicon more than 0.08% of sulphur, without manganese, after heating to 1300°. The rapid cooling contributes to the growth of the spheroidal graphite. It is shown that there exists a fourth form of graphite, namely a spherical shell, that occurs when the gas pores in post-eutectic cast iron are filled with graphite. The spherical shell is created inside a cast iron upon cooling

Card 1/2

Card

Karsay, S.; Csibrik, Gy.

Prefabrication of lightweight concrete wall elements; problems of the technology of local prefabrication workshops. p.409

MAGYAR EPITOIPAR. (Epitoipari Tudományos Egyesület) Budapest, Hungary
Vol.8, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

KARSAYEVSKAYA, N. G.

774
A study of the serum proteins in ontogenesis by the combined electrophoresis-precipitation method. A. B. Gurvich and N. G. Karsayevskaya (Inst. Biol. and Med. Chem., Acad. Sci. U.S.S.R., Moscow). *Doklady Akad. Nauk SSSR*, 21, 746-54 (1958).
The serum of rat embryos contained some proteins which were identical with the proteins of adults as regards their electrophoretic mobilities. The rat embryo serum also contained specific embryonic proteins with different electrophoretic mobilities, such as prealbumin and γ -globulin. Some of the proteins of the rat embryo which were electrophoretically identical with the proteins of adults differed from them immunologically. In the course of the ontogenetic process these proteins were replaced by proteins of the adult type of electrophoretic and immunologic behavior. The proteins of the embryos which were similar to the proteins of adult rats appeared in the following order: the γ -globulins came first (in embryos weighing 0.42 g.); these were followed by the appearance of the β -globulins (in embryos weighing 1.8 g.); then came the α -globulins (on the eve of their birth); and finally the α -globulins (in the newborn rats).
B. S. Levine

LAB Chem. Physiology

KARSAYEVSKAYA, T.V.; (Leningrad, 137., Vyazemskiy pereulok 4, kv. 72)

Some trends in human physical development during the 19th and
20th centuries. Arkh. anat., gist. i embr. 46 no.3:93-104

Mr '64.

(MIRA 17:12)

1. Kafedra filosofii (zav. V.F. Serzhantov) Leningradskogo pediat-
richeskogo instituta.

KARSCH, RYSZARD

"Samochoď ciezarowy Star 20; obsluga. Warszawa, Wydawn. Komunikacyjne, 1953. 179 p. (The Star 20 truck; service manual. illus., diagrs.)"

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

KARSHEVSKIY, N.N. (g. Tukum, Latvyskoy SSR)

Methods of propagating double-flowered plants. Priroda 47 no.4:127-128
Ap '58. (MIRA 11:4)

(Plant propagation)
(Plants, Ornamental)

KARŠČULIĆ, M.

KARŠCHULIN, M. OGRISEK, M. MLINARIĆ, O.

PERIODIC PHENOMENA DURING EXPLOSION IN THE SYSTEM HYDROGEN-OXYGEN

Bull.soc.chim.Belgrade 11, No.3/4, 18-31 (1940-46) (Pub. 1947) (in Serbian) (English summary)

CA 42, 6, 2106

CHEM, EXP, EXPLOSIONS

263

KARSELDZE, K.A.

Tuberculosis of the ischium. Vest.khir. 77 no.6:132-134 Je '56.

(MLRA 9:8)

1. Iz khirurgicheskogo otdeleniya oblastnoy bol'nitsy obl'sdrav-
otdela Yugo-Osetinskaya avtonomnaya oblast', gor. Stalinir, ul.
Lenina, d.15, kv.1.

(TUBERCULOSIS, OSTEOARTICULAR,
ischium (Rus))

KARSH, N.A., kandidat tekhnicheskikh nauk.

Calculation of nonstationary regim s of a traction motor with
reduced field. Sbor.LIIZHT no.149:3-18 '55. (MLRA 9:6)
(Electric motors) (Electric locomotives)

KARSH, N.A.

518. CURRENT REVERSAL IN ONE OF THE CIRCUITS OF A
SERIES-EXCITED MOTOR DURING INTERRUPTION. N.A. Karsh.
Elektrichestvo, 1957, No. 10, 40-2. In Russian.

Tests have been made with interruption of series-excited d.c.
motors where a reactor was connected in parallel to the field wind-
ing. Since the reactor core is laminated and the motor field core
is not, the current in the reactor is reversed when the supply
circuit is interrupted. But as tests show, a transient reversal of
the motor field-current is possible under certain conditions which
are explained analytically.

51.11.52

Basemann

Leningrad Inst. Eng. Railroad Transport in Obayton

8(0)

SOV/112-59-1-697

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 92 (USSR)

AUTHOR: Karsh, N. A.

TITLE: Experimental Determination of the Time Constant of Eddy Currents

PERIODICAL: Sb. Leningr. in-ta inzh. zh.-d. transp., 1957, Nr 155, pp 12-14

ABSTRACT: A method is suggested for experimentally determining the time constant of eddy currents set up in the solid parts of the magnetic circuit of a traction motor during the transients. Two oscillographic loops are used, one of them being connected to the motor armature, and the other to its field circuit. The first loop helps in determining T on turning off the motor, the second loop, on turning on the motor.

A.N.V.

Card 1/1

KARSH, N.A., kand.tekhn.nauk, dots.

Equivalent 12-phase system without cathode inductors. Elek. i
tepl.tiaga 3 no.2:19-21 F '59. (MIRA 12:4)
(Electric railroads--Substations--Equipment and supplies)

KARSH, N. A.

PHASE I BOOK EXPLOITATION

SOV/5754

Zasorin, Sergey Nikolayevich, Nikolay Arsen'yevich Karsh, Kalinik Georgiyevich Kuchma, Candidates of Technical Sciences, and Mikhail Aleksandrovich Chernyshev, Doctor of Technical Sciences

Ionnyye i elektronnyye preobrazovateli (Gas-Filled and Vacuum-Tube Rectifiers) Moscow, Transzheldorizdat, 1961. 306 p. 8,000 copies printed.

Ed. (Title page): M. A. Chernyshev; Tech. Ed.: Ye. N. Bobrova; Managing Ed. for Literature on Railroad Electrification and Power Engineering: V. K. Kalinin, Engineer.

PURPOSE: This book has been approved by the Main Administration of Schools of the Ministry of Railroads as a textbook for students specializing in railroad electrification in railroad transportation schools of higher education.

COVERAGE: The textbook presents the physical principles of mercury-arc rectifier operation, the theory and circuits of a-c

Card ~~1/8~~

Gas-Filled and (Cont.)

SOV/5754

rectification by uncontrolled electric rectifiers, and the theory of controlled rectifier operation. Designs of mercury-arc rectifiers for a-c electric power supply and electrically driven rolling stock of electrified railroads are described. Current inversion, vacuum-tube rectifiers, solid-cathode gas-filled rectifiers and semiconductor rectifiers are examined. Chs. III and VIII were written by S. N. Zasorin; Chs. II and VI, by N. A. Karsh; the Introduction and Chs. IV and VII, by K. G. Kuchma; and Chs. I and V, by M. A. Chernyshev. The authors thank P. N. Ramlau, head of the Radio Engineering Department of LIIZhT (Leningrad Institute of Railroad Transportation Engineers) for his advice. There are 34 references: 29 Soviet (including 1 translation), 3 English, and 2 German.

TABLE OF CONTENTS:

Introduction

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Card 2/8

FARSH, N.A., kand.tekhn.nauk; VASIL'YEV, I.G., inzh.

Setting up a parallel operation of rectifier units. Elek.i tepl.tiaga
6 no.1:9-10 Ja '62. (MIRA 15:1)
(Electric current rectifiers) (Electric railroads--Substations)

KARSHARLI, K.A., STRELKOV, P.G.

Thermodynamic properties of diphenyldodecane ($C_{24}H_{34}$) at a temperature range from 13.3 to 298.18°K. Dokl. AN Azerb. SSR 16 no.3:249-253 '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy pri Komitete standartov mer i izmeritel'nykh priborov. Predstavleno akademikom AN AzerSSR M.F. Nagiyevym.

(Dodecane--Thermal properties)

KAPSHENBAUM, A. P., and KULISHOV, M. P.

"The Talc-Carbonate Horizon of Krivorozh'ye"
Geologichniy Zh., Vol 13, No 4, 1953, pp 83-85 (Ukrainian)

States that as a result of investigations which lasted several years the presence of only one talc-carbonate horizon was established in Krivorozh'ye. The authors give a description of the different kinds of shale which make up the horizon. (RZhGeol, No 4, 1954)

SO: W-31187, 8 Mar 55

TANATAR, I.I.; KARSHENBAUM, A.P.

Greisen and skarn, new rocks of Krivoy Rog. Geol.shur. 16 no.1:
64-65 '56. (MLBA 9:8)
(Krivoy Rog--Rocks)

KARSHENBAUM, A.P.

AKIMENKO, N.M.; BELEVTSSEV, Ya.N.; GOROSHNIKOV, B.I.; DUBINKINA, R.P.;
ISHCHENKO, D.I.; KARSHENBAUM, A.P.; IULISHOV, M.P.; LYASHCHENKO,
K.P.; MAKSIMOVICH, V.L.; SKURIDIN, S.A.; SIROSHTAN, R.I.; TOKHTUYEV,
G.V.; FOMENKO, V.Yu.; SHCHERBAKOVA, K.F.; SEMENOV, M.V., red.isd-va;
AVERKIYNA, T.A., tekhn.red.

[Geological structure and iron ores of the Krivoy Rog Basin]
Geologicheskoe stroenie i zheleznye rudy Krivorozhskogo basseina.
Moskva, Gos. nauchno-tekhn.isd-vo lit-ry po geologii i okhrane
nedr, 1957. 278 p. (MIRA 11:3)
(Krivoi Rog Basin--Geology)

KARSHENBAUM, A.P.; MAKSIMOVICH, V.L.

Structure of the Saksagan anticline in the northern part of the
Saksagan band. Sbor. nauch. trud. NIGRI no.2:183-194 '59.
(MIRA 14:1)

(Saksagan Valley--Folds (Geology))

KARSHENBAUM, A.P.

Industrial significance of the Chertomlyk iron-ore deposit.
Geol.zhur. 22 no.4:57-63 '62. (MIRA 15:9)

1. Dnepropetrovskiy gornyy institut.
(Nikopol' region--Iron ores)

BELEVTSSEV, Ya.N.; FOMENKO, V.Yu.; NOTAROV, V.D.; MOLYAVKO, G.I.; MEL'NIK, Yu.P.; SIROSHTAN, R.I.; DOVGAN', M.N.; CHERNOVSKIY, M.I.; SHCHERBAKOVA, K.F.; ZAGORUYKO, L.G.; GOROSHNIKOV, B.I.; AKIMENKO, N.M.; SEMERGEYEVA, Ye.A.; KUCHER, V.N.; TAKHTUYEV, G.V.; KALYAYEV, G.I.; ZARUBA, V.M.; NAZAROV, P.P.; MAKSIMOVICH, V.L.; STRUYEVA, G.M.; KARSHENBAUM, A.P.; SKARZHINSKAYA, T.A.; CHEREDNICHENKO, A.I.; GERSHOYG, Yu.G.; PITADE, A.A.; RADUTSKAYA, P.D.; ZHILKINSKIY, S.I.; KAZAK, V.M.; KACHAN, V.G.; STRYGIN, A.I., red.; LADIYEVA, V.D., red.; ZHUKOV, G.V., red.; YEPATKO, Yu.M., red.; SHCHERBAKOV, B.D., red.; SLENZAK, O.I., red. izd-va; RAKHLINA, N.P., tekhn. red.

[Geology of Krivoy Rog iron-ore deposits] Geologiya Krivorozhskikh zhelezorudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk USSR.

Vol.1. [General problems in the geology of the Krivoy Rog Basin.

Geology and iron ores of the deposits of the "Ingulets,"

Rakhmanovo, and Il'ich Mines] Obshchie voprosy geologii Krivbassa.

Geologicheskoe stroenie i zheleznye rudy mestorozhdenii rudnikov

"Ingulets," Rakhmanovskogo i im. Il'icha. 1962. 479 p.

(Krivoy Rog Basin--Mining geology)

(MIRA 16:3)

(Krivoy Rog Basin--Iron ores)

BELEVTSSEV, Ya.N.; FOMENKO, V.Yu.; NOTAROV, V.D.; MOLYAVKO, G.I.;
 MEL'NIK, Yu.P.; SIROSHTAN, R.I.; LOVGAN', M.N.; CHERNOVSKIY,
 M.I.; SHCHERBAKOVA, K.F.; ZAGORUYKO, L.G.; GOROSHNIKOV, B.I.;
 AKIMENKO, N.M.; SEMERGEYEVA, Ye.A.; KUCHER, V.N.; TAKHTUYEV, G.V.;
 KALYAYEV, G.I.; ZARUBA, V.M.; NAZAROV, P.P.; MAKSIMOVICH, V.L.;
 STRUYEVA, G.M.; KARSHENBAUM, A.P.; SKARZHINSKAYA, T.A.;
 CHEREDNICHENKO, A.I.; GERSHOYG, Yu.G.; PITADE, A.A.; RADUTSKAYA,
 P.D.; ZHILKINSKIY, S.I.; KAZAK, V.M.; KACHAN, V.G.; POLOVKO, N.I.,
 red.; LADIYEVA, V.D., red.; ZHUKOV, G.V., red.; YEPATKO, Yu.M.,
 red.; SLENZAK, O.I., red. izd-va; KULICHENKO, V.G., red.;
 RAKHLINA, N.P., tekhn. red.; MATVEYCHUK, A.A., tekhn. red.

[Geology of the Krivoy Rog iron ore deposits] Geologiya Krivo-
 rozhsikh zhelezorudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk
 USSR. Vol.1.[General problems of the geology of the Krivoy Rog
 Basin. Geology and iron ores of the "Ingulets," Rakhmanovskiy,
 and Il'ich ore deposits] Obshchie voprosy geologii Krivbassa.
 Geologicheskoe stroenie i zheleznye rudy mestorozhdenii rudnikov
 "Ingulets," Rakhmanovskogo i im. Il'icha. 1962. 479 p. Vol.2.[Ge-
 ology and iron ores of the Dzerzhinskiy, Kirov, Liebknecht, October
 Revolution, "Bol'shevik," Frunze, 22d Parts'ezd, Red Guard, and
 Lenin deposits] Geologicheskoe stroenie i zheleznye rudy mestorozhdenii
 im. Dzerzhinskogo, im.Kirova, im.K.Linkenkhta, im.XX parts'ezda, im.
 Krasnoi Gvardii i im.Lenina. 1962. 564 p. (MIRA 16:5)
 (Krivoy Rog Basin---Iron ores)

MAGAK'YAN, I.G.; AKIMENKO, N.M.; BELEVTSSEV, Ya.N.; GERSHOYG, Yu.G.;
GRECHISHNIKOV, N.P.; KALYAYEV, G.I.; KARSHENBAUM, A.P.;
KRAVCHENKO, V.M.; KULISHOV, M.P.; MAKSIMOVICH, V.L.; MEL'NIK,
Yu.P.; PITADE, A.A.; SKURIDIN, S.A.; STRIGIN, A.I.; FEDORCHENKO,
V.S.; FOMENKO, V.Yu.

Reviews and bibliography. Geol. rud. mestorozh. 7 no.3:113-
117 My-Je '65. (MIRA 18:7)

KARSHENBAUM, R. I.

Intravenous niacin therapy in some of the psychoses.
V. M. Shpil' and R. I. Karshenbaum. *Zhur. Nevrolog. i
Psikiatrii* (in Russian) 34, 6 (1964). Case histories
and treatment procedure of 4 patients are presented. The
effects of niacin resulted in some characteristics of improve-
ment but not of a clear-cut conclusive type. S. and K.
believe that the therapeutic effect of intravenous injection of
niacin in epilepsy acts via the vasomotor system, in some still
unexplained manner.
B. S. Levine

Chair Psychiatry, Stalin Med Inst

SHPAK, V.M., dotsent; KARSHENBAUM, R.I.; LYANSUTKINA, M.F.

Observations on the iontophoresis of nicotinic acid. Klin. med., 33no.
9:92 S '55. (MIRA 9:2)

1. Iz kafedry psikhiiatrii (sav.-dotsent V.M. Shpak) Stalinskogo
meditsinskogo instituta (dir.-dotsent A.M. Genichkin)
(CATAPHORESIS) (NICOTINIC ACID)

KARSHENBAUM R.I.

SHPAK, V.M.; KARSHENBAUM, R.I.; LYAKSUTKINA, M.F.

Observations of electrophoresis with nicotinic acid. Vop.kur.,
fizioter. i lech. fiz. kul't. 22 no.2:34-36 Mr-Ap '57. (MIRA 11:1)

1. Iz kafedry psikiatrii (zav. - dotsent V.M.Shpak) Stalinskogo
meditsinskogo instituta (dir. - dotsent A.M.Ganichkin)
(ELECTROPHORESIS) (NICOTINIC ACID)

SOSUL'NIKOV, A.; STAFEYEV, A.; ALEKSANDROV, N.; SITNIKOV, V.; LEVIN, A.;
KHOKHLUSHIN, V.; KARSHENBAUM, S.

Take into consideration experience in changing over to the seven-hour and six-hour day. Sots. trud. no.6:99-117 Je '58. (MIRA 11:6)

1. Zamestitel' nachal'nika otдела organizatsii truda Kuznetskogo metallurgicheskogo kombinata (for Sosul'nikov). 2. Nachal'nik otдела organizatsii truda gornogo upravleniya Kuznetskogo metallurgicheskogo kombinata (for Stafeyev). 3. Nachal'nik otдела truda i zarabotnoy platy Upravleniya khimicheskoy promyshlennosti Moskovskogo oblastnogo sovnarkhoza (for Sitnikov). 4. Starshiy inzhener otдела truda i zarabotnoy platy Upravleniya khimicheskoy promyshlennosti Moskovskogo oblastnogo sovnarkhoza (for Levin). 5. Direktor Moskovskogo instrumental'nogo zavoda "Kalibr" (for Khokhlushin). 6. Nachal'nik otдела truda i zarabotnoy platy Moskovskogo instrumental'nogo zavoda "Kalibr" (for Karshenbaum).

(Hours of labor) (Industrial management)

KARSHENBAUM, S.; BONDAREV, G.

Experience at the "Kalibr." Sots.trud 4 no.1:109-118 Ja '59.
(MIRA 12:2)

1. Nachal'nik otdela truda i zarabotnoy platy zavoda "Kalibr."
(Moscow--Machinery industry) (Wages)

KHOKHLUSHKIN, V.; KARSHENBAUM, S.

Material compensation in reducing the cost of production. Sots.
trud 5 no.3:104-108 Mr '60.

1. Direktor zavoda "Kalibr" (for Khokhlushkin). 2 Nachal'nik
otdela truda i zarabotnoy platy zavoda "Kalibr" (for Karshenbaum).
(Bonus system)

1 65054-65 DEB-2/ENT(1)/FBB-2/BBQ-1/BBQ-2 B-2k/BB-4/VAG-4
 ACCESSION NR: AP5013032 UR/0106/65/000/005/0077/0078
 621.391.833:621.396.93

AUTHOR: Karshin, N. M.

TITLE: Distortion of PSK radiotelegraph signals due to the Doppler effect

SOURCE: Elektrosvyaz', no. 5, 1965, 77-78 46

TOPIC TAGS: phase shift keying, PSK radiotelegraphy, Doppler effect

ABSTRACT: This formula for the signal envelope at the radio receiver input is developed:

$$a_s(t) = \sqrt{\chi} \frac{2a}{\pi} \left[\text{Si} \chi \frac{\Delta\omega}{2} \left(t + \frac{T}{2\chi} \right) - \text{Si} \chi \frac{\Delta\omega}{2} \left(t - \frac{T}{2\chi} \right) \right] - \sqrt{\chi} a$$

Here, $\chi = \frac{c-v}{c+v}$, c is the speed of propagation of electromagnetic energy and v is the radial relative receiver-transmitter speed. The formula shows that when the signal spectrum is widened (due to the Doppler effect) by χ times, the steady-

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L-63054-65

ACCESSION NR: AP5013032

state value of the signal increases by $\sqrt{\chi}$ times and the signal duration decreases by χ times; hence, the pulse rise time decreases by $\chi^{3/2}$ times. The above relations are important in cosmic radio communications. "In conclusion, the author wishes to thank V. A. Senderskiy for his help in the work." Orig. art. has: 2 figures and 18 formulas.

ASSOCIATION: none

SUBMITTED: 19Sep64

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

Card 2/2

NALIVKIN, V., inzh.; KARSHIN, V., inzh.

Voltage stabilization of transistorized converters. Radio no.7:
41-43 of '61. (MIRA 14:10)
(Electric current converters)

ACCESSION NR: AP4043716

S/0106/64/000/008/0021/0030

AUTHOR: Karshin, V. M.

TITLE: Integration and filtration with synchronous radio reception

SOURCE: Elektrosvyaz', ¹⁸⁻no. 8, 1964, 21-30

TOPIC TAGS: radio reception, synchronous radio reception, radio telegraphy, phase telegraphy, phase keying

ABSTRACT: The efficiency of integration and filtration in the case of radio reception of signals phase-keyed by a uniform binary code, under fluctuating noise conditions, is theoretically analyzed. The keying signal is regarded as a random process taking on, at the receiving end, one of two possible and equally probable values. The noise is assumed to be white with a normal distribution of its instantaneous values. The energy characteristics of the detection result $Y(t)$ and the filtration result $Z(t)$ are considered, as well as the integration of $Y(t)$.

Card 1/2

ACCESSION NR: AP4043716

The different relations between an IF passband and the elementary-signal duration, with an allowance for the statistical structure of the keying signal, are analyzed. Error probabilities for polarity reception and for integral reception are evaluated. Orig. art. has: 6 figures, 50 formulas, and 2 tables.

ASSOCIATION: none

SUBMITTED: 02Mar64

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 000

Card 2/2

KARSHIN, V.M.

Distortion of radiotelegraphy signals with phase keying due to
Doppler effect. Elektrosviaz' 19 no.5:77-87 My '65.
(MIRA 18:6)

KARSHIN, V.M.

Mean probability of an error in synchronous reception of
radiotelegraphy signals with limited spectrum. Elektrosviaz'
19 no.10:26-32 0 '65. (MIRA 18:12)

1. Submitted Febr. 4, 1965.

KARSHIN, V.M.

Operation of synchronous voltage shaping devices in the
presence of noise. Radiotekhnika 20 no. 12:52-60 D '65
(MIRA 19:1)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva
radiotekhniki i elektrosvyazi imeni Popova.

L 39945-66

ACC NR: AP6014685

SOURCE CODE: UR/0108/65/020/012/0052/0060

AUTHOR: Karshin, V. M. (Active member)

ORG: Scientific and Technical Society of Radio Engineering and Electrocommunication
(Nauchno-tehnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Synchronous-voltage shapers operating in noise

SOURCE: Radiotekhnika, v. 20, no. 12, 1965, 52-60

TOPIC TAGS: telegraph system, radio telegraphy, phase shift keying, AFC, carrier frequency, electronic circuit, radio noise

ABSTRACT: The exact solution of the phase-lock AFC equations given by V. I. Tikhonov (Avt. i telemekhanika, no. 3, 1960) is used in the present article for analyzing the quality of shaping the synchronous voltage in two phase-shift-keying circuits: (1) With signal extraction by doubling its carrier frequency and (2) With signal extraction by multiplying two phase-detector output voltages (J. P. Costas, PIRE, v. 44, no. 12, 1956). The fluctuation noise is assumed in the radio channel. Equations and formulas are developed which describe the signal-noise processes in the above circuits. Orig. art. has: 4 figures and 72 formulas.

SUB CODE: 17, 09 / SUBM DATE: 02Mar64 / ORIG REF: 002 / OTH REF: 001

Card 1/1 LLB

UDC: 621.396

L 05105-67 EWT(d)/FSS-2

ACC NR: AP6013242

SOURCE CODE: UR/0413/66/000/008/0034/0034

AUTHOR: Karshin, V. M.

ORG: none

TITLE: A method of rectification of radio signals with phase manipulation.
Class 21, No. 180644

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 34

TOPIC TAGS: electronic rectifier, radio signal, phase shifter

ABSTRACT: This Author Certificate presents a method for rectifying radio signals with phase manipulation by an oscillator with phase automatic frequency control. The design increases the interference-free nature of the radio receiver. As the voltage acting on the input of the phase automatic frequency control, the design uses the product of the signals of the output of the intermediate (high) frequency channel of the receiver and of the output of the phase detector of the receiver. The heterodyne voltage is fed directly to the input of the phase detector of the receiver. This heterodyne voltage is fed to the input of the phase detector of the phase automatic frequency control system through a phase shifter

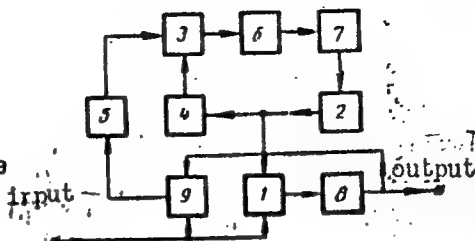
Card 1/2

UDC: 621.376.2

L 05105-67

ACC NR: AP6013242

Fig. 1. 1 - phase detector of the receiver;
2 - synchronized oscillator of the
phase automatic frequency control;
3 - phase detector of the phase
automatic frequency control; 4 - phase
shifter; 5 - resonance amplifier;
6 - low frequency filter; 7 - control
unit; 8 - amplifier-clipper;
9 - multiplier



(see Fig. 1). This phase shifter has a phase characteristic which assures the maintenance at specified norms of the phase difference between the voltage of the signal and of the receiver heterodyne within limits for the entire range of synchronization of the system. Orig. art. has: 1 figure.

SUB CODE: 09, 17/ SUBM DATE: 18May64

Card 2/2 vmb

PONOMARENKO, A.G.; MOROZOV, A.N.; KARSHIN, V.P.

Stoichiometric disorder of liquid slags in the system $\text{CaO} - \text{SiO}_2$. Izv. vys. ucheb. zav.; Chern. met. 7 no.11:16-20 '64.
(MIRA 17:12)
1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii.

SAGAYDAK, I.I.; GALEMIN, I.M.; SHPARBER, L.Ya.; KARSHIN, V.P.

Durability of air and slag tuyeres. Metallurg 9 no.4:6-8
Ap '64. (MIRA 17:9)

1. Magnitogorskiy metallurgicheskiy kombinat i Chelyabinskiy
nauchno-issledovatel'skiy institut metallurgii.

GALEMIN, I.M.; SAGAYDAK, I.I.; KARSHIN, V.P.; SHPARBER, L.Ya.;
KURUNOV, I.F.; BORTS, Yu.M.

Investigating combustion processes in furnace hearths.
Stal' 23 no. 3:204-207 Mr '64. (MIRA 17:5)

1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii
i Magnitogorskiy metallurgicheskiy kombinat.

KOPYRIN, I.A. (Chelyabinsk); VYATKIN, G.P. (Chelyabinsk); RUSAKOVA, A.G.
(Chelyabinsk); KARSHIN, V.P. (Chelyabinsk); KURUNOV, I.F. (Chelyabinsk)

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PONOMARENKO, A.G.; MOROZOV, A.N.; KARSHIN, V.P.

Effect of the oxide-reduction potential of the medium on the composition and properties of CaO-SiO_2 melts. Elektrokhimiia 1 no.7:862-863 J1 '65. (MIRA 18:10)

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AVERKIYEV, A.S., red.; AGEYEV, Ya.P., dots., otv. red.; AREF'YEV, V.A., dots., kand. ekon. nauk, red.; DEMIDOV, S.F., akademik, red.; KARSHIN, V.Ye., dots., red.; KOGAN, A.Ya., starshiy prepodav., red.; MAKHALOV, V.I., starshiy prepodavatel', red.; PITAYEVSKIY, P.I., prof., red.; SLOBODIN, V.M., prof., red.; SHOLOKHOV, Ye.I., red.

[Problems in the new system of agricultural planning] Voprosy novogo poriadka planirovaniia sel'skogo khoziaistva; trudy. Kyibyshev, Kuibyshevskii planovoi in-t, 1961. 419 p. (MIRA 15:12)

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2. Zamestitel' predsedatelya Kuibyshevskoy oblastnoy komissii (for Averkiyev).
3. Kuibyshevskiy planovyy institut (for Ageyev, Makhalov, Karshin).
4. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina i Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazev (for Demidov).
5. Ural'skiy filial Akademii nauk SSSR (for Slobodin).
6. Zamestitel' nachal'nika otdela sel'skogo khozyaystva i zagotovok Gosudarstvennogo planovogo komiteta Soveta Ministrov RSFSR (for Sholokhov).

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1. Iz kafedrygigiyeny Astrakhanskogo meditsinskogo instituta.
(MOSQUITOES) (LIGHT--PHYSIOLOGICAL EFFECT)
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(Dissertation for the degree of Doctor in Medical Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow

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(MIRA 11:1)

1. Iz kafedry gigiyeny Astrakhenskogo meditsinskogo instituta.
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(Korea, North--Economic conditions)

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Progress in the economy and foreign trade of the Korean People's
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(Korea, North--Commerce)
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Asia; statistical collection] Razvitie ekonomiki stran narodnoi
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Standardization at the Novochoerkassk Electric Locomotive Plant.
Standartizatsiia 27 no.4:42-43 Ap '63. (MIRA 16:4)
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KARSITY, N. Ye., Engineer

"Carbide Formation During Isothermal Transformation of Austenite of Alloy Steels." Sub 19 Jul 47, All-Union Order of Lenin Sci Res Inst of Aviation Materials (VIAM)

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

KARSKA, B.

POLAND/Virology. Bacterial Viruses (Phages).

Abs Jour: Ref Zhur-Biol., No 14, 1958, 62070.

Author : Karska, Barbara.

Inst :

Title : The Adaptation of Staphylococcal Phages to Strains
of Diphtherial Bacteria.

Orig Pub: Postepy hig, i med. doswiadc., 1957, 11, No 2, 195-199.

Abstract: With the aim of investigating the possibility of
adapting staphylococcal phages to the bacillus
of diphtheria and their influence on the toxicity
of the latter, experiments were done with 40
staphylococcal and 126 diphtherial strains (method
is cited). The adaptation of the staphylococcal
phage was successful only in one case, in which,
after a series of passages in the course of 6 mos.

Card : 1/2 *Zaklad Mikrobiologii, Inst. Matki i Dziecka.*

h

KARSKA, Barabara; KOZAK, Witold; HARBUTOWICZ, Barbara; STOLARSKA, Anna

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'60.

1. Z Zakladu Mikrobiologii i Immunologii oraz Pracowni Rutynowej
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(STAPHYLOCOCCUS)
(BACTERIOPHAGE)

BOECKA, Danuta; NARBUTOWICZ, Barbara, KUNICKA, Anna; KARSKA, Barbara;
RUSZCZYK, Krystyna

The mechanism of associated action of penicillin and streptomycin on antibiotic-resistant staphylococci. III. Effect of streptomycin and penicillin on the course of the infection in mice inoculated with the Cs strain of Staphylococcus. Med. dosw. mikrobiol. 15 no.4:297-301 '63.

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NARBUTOWICZ, Barbara; KAWECKA-DUROS, Halina; KARSKA, Barbara; KŹAK, Witold

Evaluation of various methods in the classification of pathogenic Staphylococci. I. Comparison of phage, lysogenic and antigenic models. Med. dosw. mikrob. 14 no.2:101-108 '62.

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(STAPHYLOCOCCUS)

KARSKA GABRIELA

Poland/Pharmacology. Toxicology. Toxicology.

V

APPROVED FOR RELEASE: 06/13/2000
Abs Jour : Ref Zhur-Biol., No 8, 1956, 3724

CIA-RDP86-00513R000720910014-7

Author : ~~Karska Gabriela~~

Inst : Not given

Title : Case of Acute Intoxication of a 22 month old Child by Mercury Oxycyanate (Sluchay ostrovo otravleniya oksitsianistoy rtut'yu 22 mesyach-novo rebenka)

Orig Pub : Pediatr. Pol'ska, 1956, 31, No 1, 64-66

Abstract : The child (22 months) was accidentally given mercury oxycyanate. Vomiting, diarrhea and loss of consciousness followed immediately. Anuria set in 8 hours later despite the washing of the stomach, the administration of carbon, and application of heat to the abdomen. The application of BAL and a novocaine blockade in the renal area were

POLAND

HOENAN, Halina, LITWIN, Eugenia, and KARSKA, Gabriela;
 Infants' Division (Oddzial Niemowlat) (Acting Director:
 Dr. med. H. HOENAN) and Department of Hematology (Zaklad
 Hematologii) (Director: Prof. Dr. med. WL. LAWKOWICZ),
 both of the Mother and Child Institute (Instytut Matki i
 Dziecka) in Warsaw (Director: Prof. Dr. med. B. GORNICKI)

"On the Pathogenesis of Target Cells in Liver Cirrhosis
 of Small Children."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 25, 17 Jun 63,
 pp 889-893

Abstract: [Authors' English summary modified] Authors re-
 port three cases of liver cirrhosis with high lipemia and
 abnormal lipidograms as a possible contribution to the hy-
 pothesis of peripheral, lipemic origin of the target cells.
 They review literature on subject and suggest that the dis-
 turbances in fat and lipoprotein metabolism in cirrhosis
 may cause not only the changes in serum contents, but also
 in blood morphotic elements, especially red cells, cro-
 ating cells of specific shape and tonus. 29 refs, no Soviet

1/1

HOENAN, Halina, LITWIN, Eugenia, KARSKA, Gabriela
 APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720910014-7

Contribution to the pathogenesis of target cells in liver
 cirrhosis in small children. Pol. tyg. lek. 18 no.25:889-893
 17 Je '63.

1. Z Oddzialu Niemowlecego; p.o. kierownik: dr med. H. Hofman
 i z Zakladu Hematologii; kierownik: prof. dr med. WL.
 Lawkowicz, Instytutu Matki i Dziecka w Warszawie; dyrektor
 prof. dr med. B. Gornicki.

(ERYTHROCYTES) (LIVER CIRRHOSIS)
 (PATHOLOGY)

RASZEK, J.; HANC, I.; KARSKA, G.; IWANOWSKA, T.

Case of dermatomyositis based on immune reaction. *Pediat. polska* 31 no.6:679-685 June 56.

1. Z Kliniki Chor. Wewnętrznych Dzieci Inst. Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr. med. Fr. Groer
Kierownik Kliniki; doc. dr. med. J. Raszek, Warszawa, ul. Kasprzaka 17.

(DERMATOMYOSITIS, in infant and child,
immune origin (Pol))

KARSKA Gabriela
EXCERPTA MEDICA Sec 7 Vol 13/4 Pediatrics Apr 59

952. AN ATTEMPT OF A FUNCTIONAL ANALYSIS OF A CASE OF THROMBOCYTOPATHY - Próba analizy przypadku trombocytopatii w ujęciu czynnościowym - Karska G. Klin. Chor. Wewn. Inst. Matki i Dziecka, Warszawa - PEDIAT. POL. 1957, 32/2 (194-198) Tables ?

A detailed description is given of a case of haemorrhagic diathesis in a 21-month-old boy in whom the symptoms had appeared in the 8th month. The diagnosis is based on: (1) the morphological appearance of the thrombocytes, which were normal in number (reduction of the agglutinating property, anisocytosis of the thrombocytes, non-granulated thrombocytes or thrombocytes containing an atypical granulation); (2) the haemostatic disturbances: prolonged bleeding time, reduced retraction of the clot in spite of the normal coagulation time, normal fibrinogen level, normal Quick's time, normal prothrombin consumption, normal proconvertin and pro-accelerin; (3) capillaroscopic examination: weakened vascular reaction. Serological examinations were negative. The negative result of the familial past history, in addition to the control examination, indicates that this is a case of hereditary and sporadic haemostasis. The case reported, completing the 5 cases described by Stefani - (1) deficiency of thrombocytic thromboplastin and vascular factor - serotonin; (2) exclusive deficiency of retractozyme; (3) exclusive deficiency of thrombocytic thromboplastin; (4) exclusive deficiency of vascular factor - serotonin; (5) deficiency of the thrombocytic factors I and II - speaks in favour of another possibility of a variable weakening of the thrombocytic functioning and represents a lowering of the vascular factor - serotonin and retractozyme.

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Pathogenesis of target cells in the liver cirrhosis. Postępy biochem.
8 no.4:566 '62.

1. Z Instytutu Matki i Dziecka w Warszawie.
(LIVER CIRRHOSIS) (ERYTHROCYTES) (ANEMIA MACROCYTIC)

KARSKA, Z.

"Vyuzivani technickych informaci (Application of Technical Information); a book review." p. 60.

GEODETICKY A KARTOGRAFICKY OBZOR. Praha, Czechoslovakia, Vol. 5, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

KARSKA, Zora; TAISL, Ladislav

New international decimal classification in geodesy, photogrammetry and cartography. Geod kart obzor 10 no.5:107-108 My'64.

1. Branch Center of Scientific, Technological, and Economic Information and Propaganda, Research Institute of Geodesy, Topography and Cartography, Prague.

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Effect of magnesium-disodium salts of EDTA on some experimental
ventricular arrhythmias in dogs. *Biul.eksp.biol.i med.* 54 no.11:
72-76 N '62. (MIRA 15:12)

1. Iz laboratorii farmakologii (zav. - kand.med.nauk Ye.I.
Khadzhay) Khar'kovskogo nauchno-issledovatel'skogo khimiko-
farmatsevticheskogo instituta. Predstavlena deystvitel'nym
chlenom AMN SSSR V.V.Parinym.
(ACETIC ACID) (ARRHYTHMIA)

KARSKAYA, T.N.

KUZNETSOV, V.I., doktor khimicheskikh nauk; GLOBUS, R.L.; KARSKAYA, T.N.;
MIKHAYLOV, G.I.; PEVTSOV, G.A.; PYATNITSKAYA, G.N.; ROZHIESTVENSKIY,
M.S. [deceased]; SOKOLOV, N.I.

[Chemical reagents and preparations] Khimicheskie reaktivy i preparaty;
spravochnik. Sostaviteli V.I.Kuznetsov [i dr.] Moskva, Gos. nauchno-
tekhn. izd-vo khim. lit-ry, 1953. 668 p. (MLRA 7:4)
(Chemical tests and reagents)

KARSKAYA, T.N.

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